Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141309.D
Acq On : 30 Jan 2025 13:13
Operator : RC/JU
Sample : Q1168-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 30 13:36:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	142211	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	573950	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	313777	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	536153	20.000	ng		0.00
76) Chrysene-d12	13.963	240	324523	20.000	ng		-0.01
86) Perylene-d12	15.427	264	302151	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	988452	106.706	ng		0.00
7) Phenol-d6	6.428	99	1288439	109.337	ng		-0.01
23) Nitrobenzene-d5	7.363	82	870556	79.959	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	313830	109.097	ng		-0.01
45) 2-Fluorobiphenyl	9.157	172	1538315	75.460	ng		0.00
79) Terphenyl-d14	12.916	244	1578892	75.031	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	16662	4.090	ng		98
3) Pyridine	3.263	79	33540	3.417	ng		97
4) n-Nitrosodimethylamine	3.152	42	22005	3.924	ng		100
6) Aniline	6.457	93	51827	5.196	ng		96
8) 2-Chlorophenol	6.581	128	41512	4.181	ng		84
9) Benzaldehyde	6.346	77	35058	5.136	ng		98
10) Phenol	6.440	94	53043	4.246	ng	#	69
11) bis(2-Chloroethyl)ether	6.534	93	39773	4.153	ng		99
12) 1,3-Dichlorobenzene	6.740	146	45773	4.181	ng		96
13) 1,4-Dichlorobenzene	6.816	146	45198	4.110	ng		99
14) 1,2-Dichlorobenzene	6.969	146	42428	4.120	ng		96
15) Benzyl Alcohol	6.940	79	43885	5.449	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	74021	4.444	ng		99
17) 2-Methylphenol	7.046	107	33123	4.105	ng		98
18) Hexachloroethane	7.310	117	16361	4.033	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	30124	4.302	ng		98
20) 3+4-Methylphenols	7.198	107	42370	4.276	ng	#	77
22) Acetophenone	7.204	105	62678	4.594	ng		97
24) Nitrobenzene	7.375	77	47590	4.218	ng		98
25) Isophorone	7.610	82	80594	4.282	ng		97
26) 2-Nitrophenol	7.693	139	20153	3.787	ng		99
27) 2,4-Dimethylphenol	7.728	122	16860m	2.489	ng		
28) bis(2-Chloroethoxy)met...	7.828	93	50789	4.231	ng		96
29) 2,4-Dichlorophenol	7.934	162	32876	3.965	ng		100
30) 1,2,4-Trichlorobenzene	8.022	180	38690	4.086	ng		98
31) Naphthalene	8.098	128	126186	4.162	ng		100
32) Benzoic acid	7.787	122	13640	2.191	ng		97
33) 4-Chloroaniline	8.151	127	46161	4.490	ng		99
34) Hexachlorobutadiene	8.222	225	21698	3.907	ng		100
35) Caprolactam	8.475	113	10586	3.909	ng		99
36) 4-Chloro-3-methylphenol	8.628	107	40121	4.511	ng		99
37) 2-Methylnaphthalene	8.792	142	83472	4.331	ng		100
38) 1-Methylnaphthalene	8.892	142	77993	4.120	ng		100
40) 1,2,4,5-Tetrachloroben...	8.957	216	37811	4.236	ng		97
41) Hexachlorocyclopentadiene	8.945	237	6300	2.390	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	21777	3.727	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.110	196	24568	3.863	ng		97
46)	1,1'-Biphenyl	9.257	154	113877	4.654	ng		99
47)	2-Chloronaphthalene	9.281	162	78665	4.124	ng		98
48)	2-Nitroaniline	9.375	65	23393	3.899	ng		94
49)	Acenaphthylene	9.692	152	120314	4.506	ng		99
50)	Dimethylphthalate	9.551	163	90972	4.293	ng		100
51)	2,6-Dinitrotoluene	9.610	165	17902	3.638	ng		93
52)	Acenaphthene	9.863	154	82587	4.330	ng		98
53)	3-Nitroaniline	9.781	138	18787	3.896	ng		95
54)	2,4-Dinitrophenol	9.892	184	3525	1.541	ng	#	86
55)	Dibenzofuran	10.039	168	114767	4.495	ng		97
56)	4-Nitrophenol	9.945	139	12896	3.656	ng		99
57)	2,4-Dinitrotoluene	10.016	165	26721	4.194	ng		99
58)	Fluorene	10.381	166	89073	4.498	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.157	232	20287	4.055	ng	#	99
60)	Diethylphthalate	10.257	149	87859	4.276	ng		98
61)	4-Chlorophenyl-phenyle...	10.375	204	42420	4.385	ng		98
62)	4-Nitroaniline	10.386	138	16756	3.534	ng		96
63)	Azobenzene	10.534	77	87835	4.270	ng		99
65)	4,6-Dinitro-2-methylph...	10.422	198	8935	2.817	ng		94
66)	n-Nitrosodiphenylamine	10.492	169	74331	4.286	ng		98
67)	4-Bromophenyl-phenylether	10.869	248	25522	4.252	ng		93
68)	Hexachlorobenzene	10.928	284	27494	4.318	ng		99
69)	Atrazine	11.016	200	23942	4.129	ng		99
70)	Pentachlorophenol	11.128	266	14138	3.792	ng		96
71)	Phenanthrene	11.345	178	131490	4.562	ng		99
72)	Anthracene	11.392	178	127187	4.504	ng		99
73)	Carbazole	11.551	167	106689	4.261	ng		99
74)	Di-n-butylphthalate	11.886	149	136496	4.498	ng		99
75)	Fluoranthene	12.533	202	130013	4.569	ng		99
77)	Benzidine	12.663	184	21275	2.045	ng		99
78)	Pyrene	12.763	202	145447	4.669	ng		99
80)	Butylbenzylphthalate	13.386	149	44821	4.118	ng		99
81)	Benzo(a)anthracene	13.951	228	97470	4.353	ng		99
82)	3,3'-Dichlorobenzidine	13.922	252	24508	3.441	ng		98
83)	Chrysene	13.992	228	84663	4.125	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.951	149	57358	4.155	ng		98
85)	Di-n-octyl phthalate	14.580	149	76789	3.581	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.874	276	73766	3.783	ng		98
88)	Benzo(b)fluoranthene	15.004	252	81616	4.294	ng		99
89)	Benzo(k)fluoranthene	15.033	252	70018	4.159	ng		98
90)	Benzo(a)pyrene	15.368	252	67944	4.230	ng		99
91)	Dibenzo(a,h)anthracene	16.892	278	58313	3.717	ng		98
92)	Benzo(g,h,i)perylene	17.304	276	60875	3.731	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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